

**Amendments to the Drawings:**

Please amend the Drawings by substituting the attached 17 replacement sheets for their corresponding drawing figures 2, 3, 4d, 5b, 7b, 8b, 9b, 10b, 11b, 14b, 15b-d, 16b-c and 17b.

Please note that Figures 1a and 1b, formerly appearing on the same page, now occupy separate pages. Figures 15b and 16b are now displayed as Figures 15b-c and 16b-c, respectively, with Figures 15c-d renamed as Figures 15d-e, respectively.

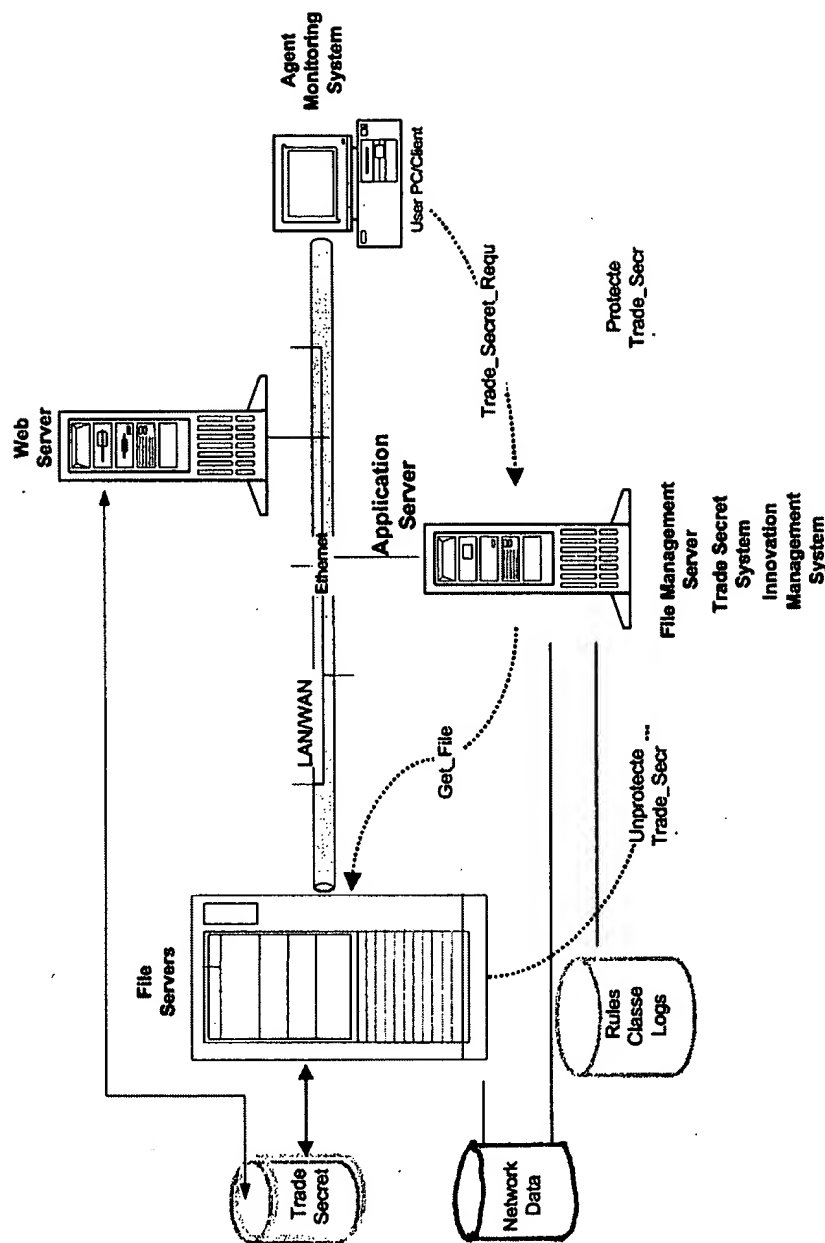


FIGURE 2



Replacement Sheet

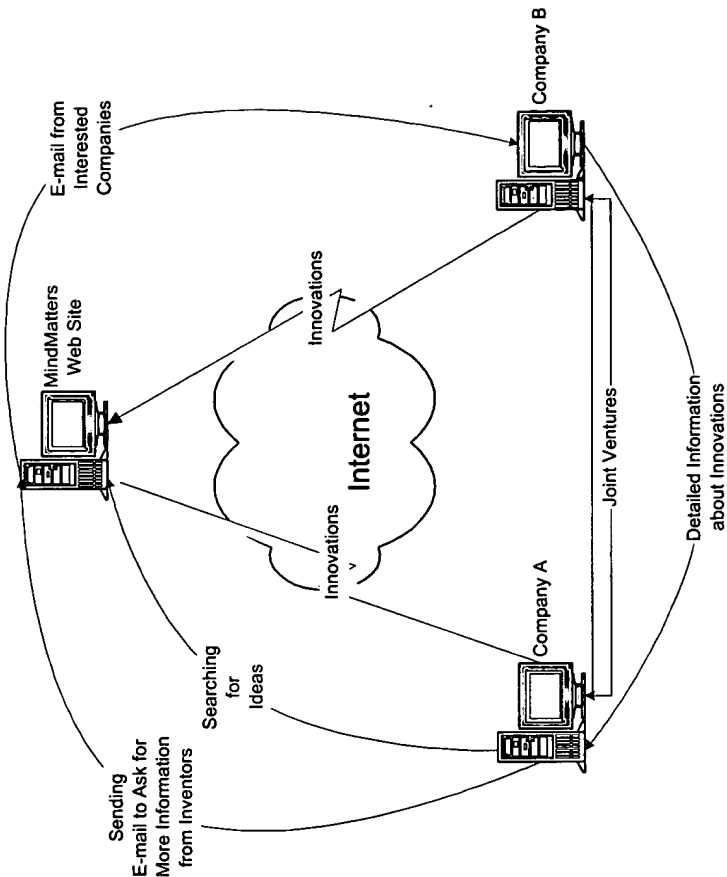


FIGURE 3



# Replacement Sheet

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- ★ Peer Review Board 1999

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File Cabinet		File Search: <input type="text"/>		All Files   Latest		Sort By: <input type="text"/>		edit - x	
Title	Documents	Other Authors	Status	Last Update	Search Agent	Create Date	IP Class	Protection	
Neural Network Optical Driver	C:\MMT\private	Smith, Jones, Gabrick	✓	11/29/99	Yes	11/29/99	Hardware	Executive Only	
Software System For AI Internet Searching	\\Bellevue\C\ProjectX	Orlowski	●	8/2/98		8/2/98	Software	All Employees	
HTML Authoring Tools	C:\IPX\Plans\Test	N.A.	✓	6/30/95	Yes	6/30/95	Software	Department Only	
NE128 Product Improvements	C:\Java\NE128	N.A.	✓	5/28/93		5/28/93	Improvement	Department Only	
Robotic Force Feedback Sensor	\\Allegheny\DRobots	Elston	●	1/11/92	Yes 5 Results	1/11/92	New	All Employees	
Software System For AI Internet Searching	\\Bellevue\C\ProjectX	Orlowski	●	8/2/98		8/2/98	Software	All Employees	
Neural Network Optical Driver	C:\MMT\private	Smith, Jones, Gabrick	✓	11/29/99	Yes	11/29/99	Hardware	Executive Only	
HTML Authoring Tools	C:\IPX\Plans\Test	N.A.	✓	6/30/95	Yes 2 Results	6/30/95	Software	Department Only	
Robotic Force Feedback Sensor	\\Allegheny\DRobots	Elston	●	1/11/92	Yes	1/11/92	New	All Employees	
		Setup							

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FIGURE 4d



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## Innovator Human Resources

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### Smith, John

SS#	Hire Date	Title	E-Mail	Location	Dept.	ID#	Manager
123-45-6789	6-30-1995	Mgr, Development	Smith@mmt.com	Pittsburgh	5600	IA8592	Gerstner

#### Innovations

Title	Status	Date
Neural Network Optical Driver	✓	3-2-00
Software System For AI Internet Searching	●	1-3-98
HTML Authoring Tools	✓	8-19-98
NE126 Product Improvements	✓	6-12-98
Robotic Force Feedback Sensor	●	11-5-95

#### Exit Interview Checklist

Review Confidentiality Procedures	<input type="checkbox"/>
Remind of Continuing Obligations	<input type="checkbox"/>
New Employment, Competitive Assessment	<input type="checkbox"/>
Review Proprietary Access Log	<input type="checkbox"/>
Compliance Sign-off	<input type="checkbox"/> Form R4.99

#### Proprietary Projects

Alpha 470	JR-574	XR 3147	XZ-99383	JG-873497
Beta 391	Beta 646	Beta 989	Beta 877	
X15				

#### Recent Activity

1. Submitted New Innovation: Optical Enabler	2/1/99
2. Proprietary Materials Download	3/15/99
3. Class 1 Trade Secret Accessed	3/17/99
4. Proprietary Materials Download	4/1/99
5. File Transfer via email	4/15/99
6. File Transfer via email	5/1/99
7. Trade Secret Warning Alert	6/15/99
8. Provisional Patent Access...	6/30/99

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## FIGURE 5b



**John's Innovator Page**  
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Key Word(s) \_\_\_\_\_

Search for: \_\_\_\_\_

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Search Parameters

Results ☐ MUST NOT contain ☐ the phrase ☐

Results ☐ SHOULD contain ☐ the phrase ☐

Start Search    Reset

FIGURE 7b



## Innovator

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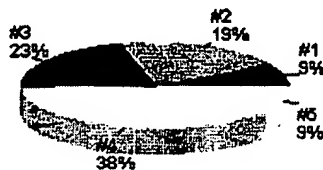
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### Personal Home Page Hits

Search Term	Who	Date
1. Software Intelligence	124.34.5.113 <a href="#">View Results</a>   <a href="#">Delete</a>	1-13-00
2. Internet Searching	124.34.5.120 <a href="#">View Results</a>   <a href="#">Delete</a>	2-4-00
3. Neural Network	124.34.5.126 <a href="#">View Results</a>   <a href="#">Delete</a>	2-4-00

### File Cabinet Hits (Internal)

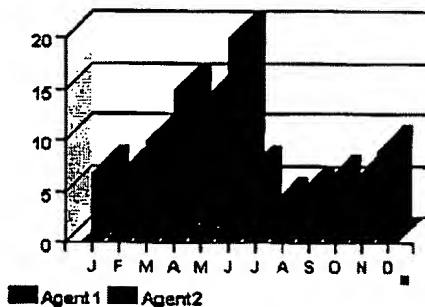
Title	Hits
1. <a href="#">Software System For AI Internet Searching</a>	0
2. <a href="#">NE126 Product Improvements</a>	1
3. <a href="#">Biometric Nanocircuit</a>	0
4. <a href="#">Nucleotide Combination for Peptides</a>	1
5. <a href="#">Browser Search Agent</a>	0



### Collaboration Agents

Title	Posted Hits
1. (Neural Network) AND (AI) OR Artificial <a href="#">View Results</a>   <a href="#">Edit</a>   <a href="#">Delete</a>	11-29-99 5
2. "Optical Drivers" <a href="#">View Results</a>   <a href="#">Edit</a>   <a href="#">Delete</a>	1-2-00 1

[Create New Agent](#)



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**View:** View runs the agent.  
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FIGURE 86



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## Most Active

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1. ★ ★ John Smith, *Neural Network Optical Driver*
2. ➤ Tim Balushi, *Software Optimization for CNC Drives*
3. ★ Martha Jones, *Robotic Force Feedback*
4. ★ Julie Selleck, *IP Accounting System*
5. ➤ John Smith, *Neural Network Optical Driver*
6. Tim Balushi, *Software Optimization for CNC Drives*
7. Martha Jones, *Robotic Force Feedback*
8. Julie Sun, *IP Accounting System*
9. Carole Williams, *New Grammy Hit*
10. ➤ Martha Jones, *E-Commerce One-Click Click System*

## Spotlight



NEW

Susan Jones, Bryan Beam, and John Wayne's *Voice Recognition for Embedded Systems* As consumer products get more and more complex, there is a need for an easier means of interaction with these complex machines. One way to make interaction smoother is by allowing interaction through natural language.

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## File Cabinet

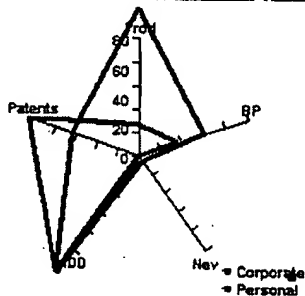
Search: <input type="text"/>		Sort: <input type="text" value="Date"/>	Filter: <input type="text" value="Neural"/>		
Date	Title	Status	Search		
3-12-00	Neural Network Optical Driver	✓	🔍		
6-1-99	Software System For AI Internet Searching	●	🔍		
11-29-98	HTML Authoring Tools	✓	🔍		
5-12-97	NE126 Product Improvements	✓	🔍		
1-11-92	Robotic Force Feedback Sensor	●	🔍		
10-15-90	Biometric Nanocircuit	●	🔍		
8-6-89	Nucleotide Combination for Peptides	●	🔍		
4-31-89	Browser Search Agent	✓	🔍		

## Collaboration Agents

Date	Title	Status
3-12-00	(Neural Network) AND (AI) OR Artificial	●
<a href="#">View Results</a>   <a href="#">Edit</a>   <a href="#">Delete</a>		
6-1-99	"Optical Drivers"	●
<a href="#">View Results</a>   <a href="#">Edit</a>   <a href="#">Delete</a>		

## Performance Ratings

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## Innovation Goals

New Product Innovations  
Filed Patents  
Invention Disclosures  
New Business Spin-Offs  
New Best Practices

## YTD Total

100  
50  
1500  
5  
50

## Education Center

124 articles

What is a Trade Secret? Is that new java applet you're writing a company trade secret, you may be surprised to find out it

FIGURE 9b



# Replacement Sheet

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Submit Innovation

Explorer

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- ☒ Please Register...
- ☒ Desktop

### Inventor(s) Information

Name	Location	Dept.	ID#	Manager
Contributor 1 John Gabrick	Pittsburgh	5800	1A8592	Gerstner
Contributor 2 Cash Elston	Redmond	5800	1A5623	Welch
Sponsor Tom Jones	Seattle	8700	9A7612	Smith

LookUp

### Innovation Information

Innovation Name Neural Network Optical Driver

Innovation Type Business-to-Business

Supporting Electronic Documents C:\My Documents\NNOD-v1.doc

Supporting Paper Documents	Title	
	Date	
Generate Barcode	Type	
	Location	

Description This system automatically updates and adjusts to changes in ambient light. Users are able to build robotic guidance systems that adapt to any lighting scheme

Key Words Neural Network, Lighting, Robotic Guidance

### Protection Information

Route to Corporate Counsel? ☐ yes

Potential Trade Secret? ☐ yes

Initial Protection Level Department Only

Warning Message

Encryption ☐ yes

Other Than the Inventors?

Thank you for submitting this idea.

Submit Idea

Clear all answers

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FIGURE 10b



# Replacement Sheet

## Search Results

Rank	Status	Information	Location	Details	Date
99%	External	New Neural Network Optical Driver in use by Ariva's ....	<a href="http://www.ariva.com/test.html">http://www.ariva.com/test.html</a>	Neural Network Optical Driver	ICS781 5/25/00
98%	Internal	Network Optical Drivers	\\bellevue\ServerA_1\C:\NOD	Corbis, John 412-388-1221	Mgr., PVC Development smith@us-mmt.com 5/25/00
98%	External	The Intellectual Property Site	<a href="http://www.gm.com">http://www.gm.com</a>	Neural Network Optical Driver	ICS781 5/25/00
98%	External	Oppedahl & Larson LLP Patent Law Web Server	<a href="http://www.patents.com">http://www.patents.com</a>	Neural Network Optical Driver	ICS781 5/25/00
70%	External	Franklin Pierce Law Center's Homepage	<a href="http://www.fplc.edu">http://www.fplc.edu</a>	Neural Network Optical Driver	ICS781 5/25/00
68%	Internal	Intellectual Property Law	\\bellevue\customers\leagle.doc	Jones, Cash 412-388-8254	Dir., Strategy jones@ip-mmt.com 5/25/00
65%	External	Intellectual Property Checklist	<a href="http://www.utsystem.edu/ogc/">http://www.utsystem.edu/ogc/</a>	Neural Network Optical Driver	ICS781 5/25/00
65%	External	IBM Intellectual Property Network	<a href="http://www.patents.ibm.com">http://www.patents.ibm.com</a>		5/25/00
50%	External	Intellectual Property	<a href="http://www.intellectual-property.co.uk">http://www.intellectual-property.co.uk</a>		5/25/00
50%	External	Intellectual Property Valuations, Inc. Intellectual Property Valuation ...	<a href="http://valuationcorp.com">http://valuationcorp.com</a>		5/25/00

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FIGURE 11b



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Key Word(s)

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Results

MUST NOT contain

the phrase

Results

SHOULD contain

the phrase

Start Search

Reset

FIGURE 14b



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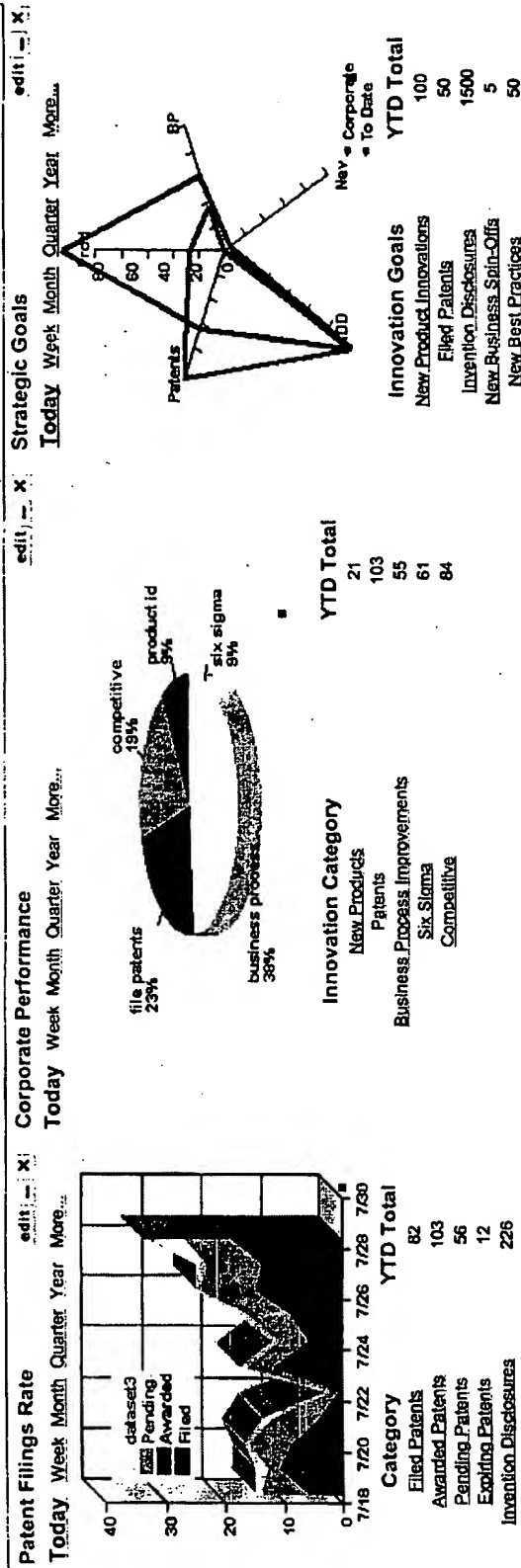


FIGURE 15b



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Top Licensing Revenue

Chart News Performance Details SEC Research

More...

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Innovation Performance

edit | - | x

New Product Submissions

Today Week Month Quarter Year More...

Title

Neural Network Optical Driver

Software System For AI

Internal Searching

HTML Authoring Tools

NE126 Product Improvements

Robotic Force Feedback

Sensor

Software System For AI

Internal Searching

Neural Network Optical Driver

HTML Authoring Tools

Robotic Force Feedback

Sensor



1998 1999

Innovation Category

Invention Disclosures

Active Innovations

Budgeted Innovations

Closed Innovations

Rejected Innovations

YTD Total

2156

263

55

489

1349

edit | - | x

Departments

Seattle, WA

Marketing Sales WSA International Finance

Business Development Patent Corporate More

Pittsburgh, PA

Sales International Finance Patent Corporate

Counsel Software Development Technical Support

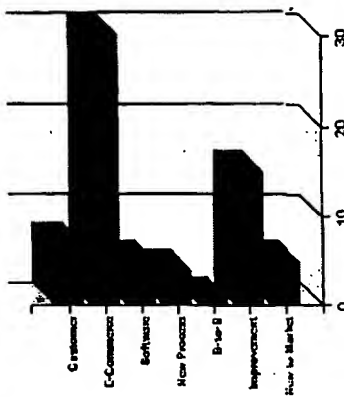
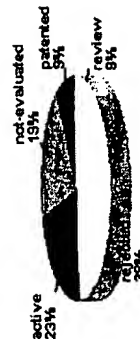
Customer Service Accounting More

London, England

International Finance Business Development

Patent Corporate Counsel Software Development

Technical Support Customer Service Accounting More



Title

1. Neural Network Optical Driver

2. Software System For AI Internal

3. Searching

4. HTML Authoring Tools

5. NE126 Product Improvements

6. Robotic Force Feedback Sensor

7. Software System For AI Internal

8. Searching

9. Neural Network Optical Driver

10. HTML Authoring Tools

11. Robotic Force Feedback Sensor

Authors ? Rank

Gabrick 92%

Orowski 82%

N.A. 79%

N.A. 65%

Elston 55%

Orowski 45%

Smith 38%

N.A. 36%

Elston 31%

edit | - | x

Corporate Performance

Chart News Performance Details SEC Research More...

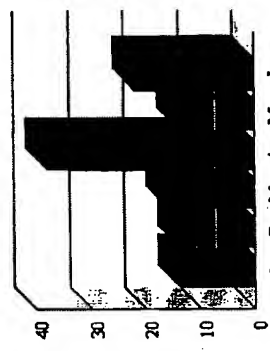


FIGURE 15c



# Replacement Sheet

## Status

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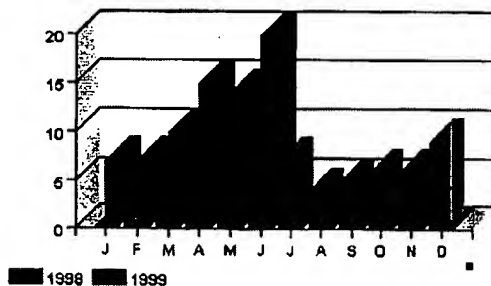
Criteria	Result	Company	%	Rank	Pts
1. Personal Home Page Hits	103	125,119	7.1%	Top 10	52
2. File Cabinet Hits	58	204,532	7.0%	Top 50	5
3. Collaboration Agent Hits	12	23,221	7.0%	Top 50	12
4. Citations	5	3,208	7.2%	Top 10	60
5. Submissions	20	8,018	7.3%	Top 25	20
6. Analysis Performed	25	36,112	7.1%	Top 25	50
7. NDA Citations	1	58	1.7%	Top 10	50
8. Downloads	6	7,863	0.1%		12
9. Internet Publications	0	98	0.0%		0
10. Licenses	1	12	3.3%	Top 10	500
11. Accepted Innovations	8	400	2.0%	Top 50	80
12. Patents	2	52	3.8%	#1	2000
<b>TOTAL</b>					<b>2841</b>

### Performance

#### Portfolio Performance

[edit](#) [-](#) [x](#)

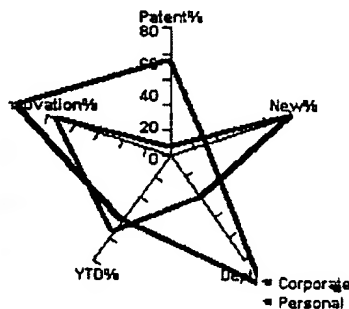
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#### Company Goals

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FIGURE 15d



FIGURE 15e



# Replacement Sheet

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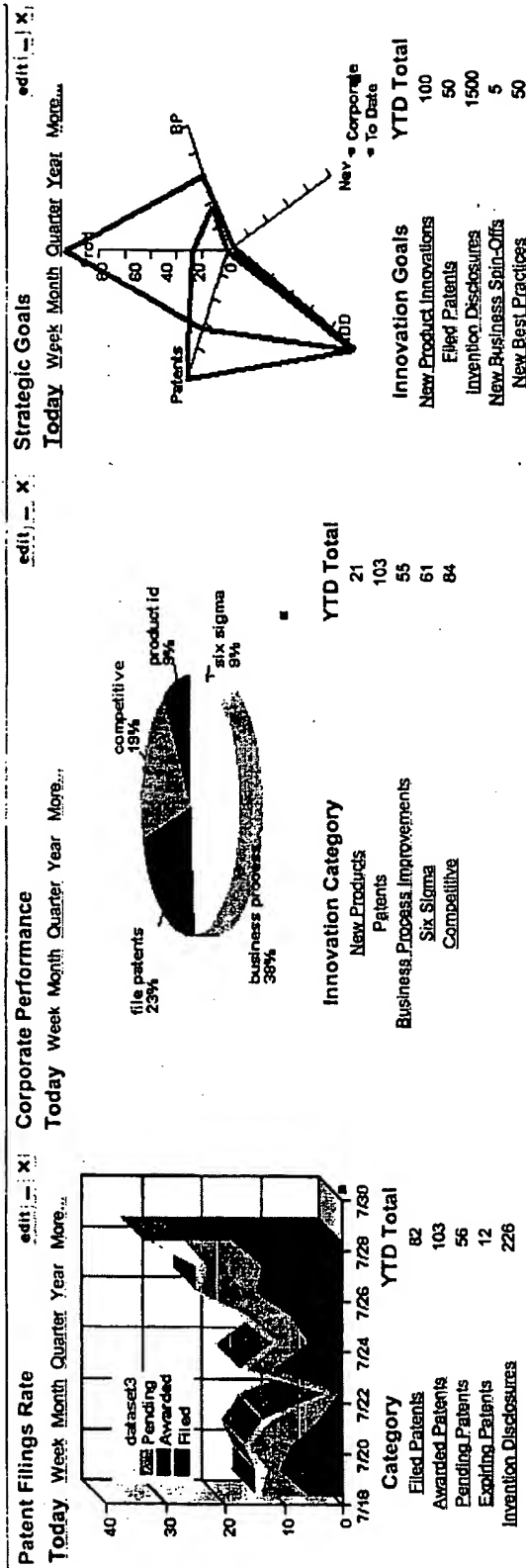


FIGURE 166



# Replacement Sheet

## Innovator Division Overview

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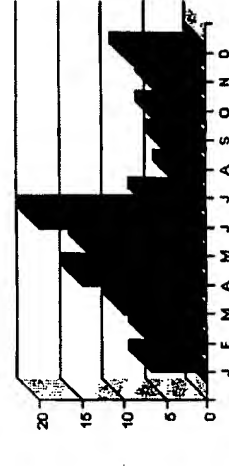
Home Page • Edit • Help

New Product Submissions Today Week Month Quarter Year More...

Title Authors ? Rank edit: - x: 92% 82% 79% 65% 55% 45% 38% 36% 31%

Neural Network Optical Driver Gabrick ✓ 92%  
Software System For AI Internal Orowski • 82%  
Internet Searching N.A. ✓ 79%  
HTML Authoring Tools N.A. ✓ 65%  
NE126 Product Improvements Elston • 55%  
Robotic Force Feedback Sensor Orowski • 45%  
Internet Searching Orowski • 38%  
Neural Network Optical Driver Smith ✓ 36%  
HTML Authoring Tools N.A. ✓ 31%  
Robotic Force Feedback Sensor Elston • 31%

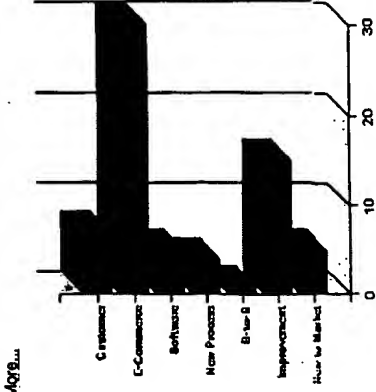
Innovation Performance



YTD Total

Innovation Category	YTD Total
Invention Disclosures	2156
Active Innovations	283
Budgeted Innovations	55
Closed Innovations	489
Rejected Innovations	1349

Top Licensing Revenue Chart News Performance Details SEC Research More...



Title Authors ? Rank

1. Neural Network Optical Driver	Gabrick ✓ 92%
2. Software System For AI Internal	Orowski • 82%
3. HTML Authoring Tools	N.A. ✓ 79%
4. NE126 Product Improvements	N.A. ✓ 65%
5. Robotic Force Feedback Sensor	Elston • 55%
6. Software System For AI Internal	Orowski • 45%
7. Neural Network Optical Driver	Smith ✓ 38%
8. HTML Authoring Tools	N.A. ✓ 36%
9. Robotic Force Feedback Sensor	Elston • 31%

Corporate Performance Chart News Performance Details SEC Research More...

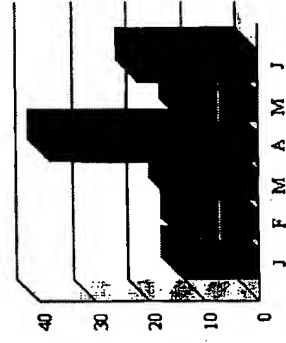


FIGURE 16c

Departments Seattle, WA

Marketing Sales WSA International Finance  
Business Development Patent Corporate More

Pittsburgh, PA

Sales International Finance Patent Corporate  
Consulting Software Development Technical Support  
Customer Service Accounting More

London, England

International Finance Business Development  
Patent Corporate Counsel Software Development  
Technical Support Customer Service  
Accounting More





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Updates

April 20, 6:22PM EST

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- [Urgent Search Results](#)
- [5 New Innovation Disclosures](#)
- [PK107 Review Results](#)

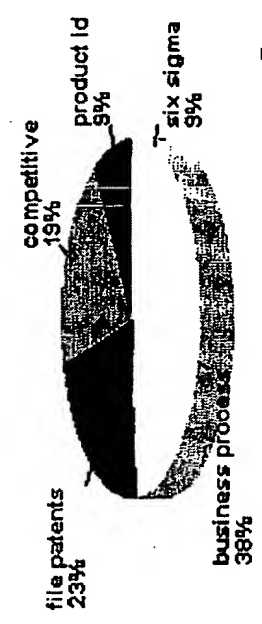
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[By Action](#) [Status](#) [IP Type](#) [Division](#) [Rank](#) [More...](#)

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  - [Insurance Submission](#)
  - [Spotlight](#)
  - [Website Publish IP](#)
  - [Reports](#)
  - [Innovation Database](#)
  - [Announcement](#)
  - [Innovator Configuration](#)



Innovation Goals	Today	YTD Total
New Product Innovations	1	100
Filed Patents	1	50
Invention Disclosures	5	1500
New Business Spin-Offs	0	5
New Best Practices	2	50

[Database Search](#)

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In-Review

Patents

Trade Secrets

Trademarks

Copyrights

Licenses

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Rejected

FIGURE 17b